

# IDAHO DEPARTMENT OF FISH & GAME

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Grant No. 04-7-208-44008

Project No. 1-126-12



Commercial Fish and Fish Feed Production  
in Idaho

Period Covered: 1 October 1976 through 30 September 1977 by

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JOB PERFORMANCE REPORT

Grant No. 04-7-208-44008 State of: Idaho

Project No. 1-126-12 Title: Commercial Fish and Fish Feed  
Production in Idaho

Period Covered: 1 October 1976 through 30 September 1977

ABSTRACT

The round weight of rainbow trout and channel catfish produced in 1976 was 19,754,121 pounds and 300,000 pounds, respectively. This is a 7.5% increase in trout production and a 25% decrease in catfish production over that reported for 1975. The gross sales value of rainbow trout in 1976 was \$21,215,684 while catfish sales grossed \$313,000 for the same period.

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## RECOMMENDATIONS

Continue the annual survey of food fish processors in Idaho.

Expand the format to include the fish hatchery equipment manufacturers in Idaho.

Expand the format to include fish hatchery engineering and construction firms in Idaho.

## OBJECTIVES

To list processed food fish production in Idaho from the following aspects:

1. Total round weight of fish produced by species annually.
2. Total dollar value of round weight.
3. Weights of types of processed fish sold by food fish processors in Idaho.
4. Value of processed fish by size and type sold by food fish processors in Idaho.

## PROCEDURE

A letter containing a description of the 88-309 program and a data collecting form (Fig. 1) was sent to each of the rainbow trout and catfish processors in Idaho (Appendix I). During June, 1977, each of the food fish processors was visited personally to collect the 1976 processed fishery products data. Each visitation required 2-3 hours contact time plus several call-backs to clarify data interpretations.

## RESULTS

The 1976 data (Fig. 2) are difficult to evaluate since there are only the 1975 data (Fig. 3) to use as a comparison. The annual trout production is round weight increased 1.3 million pounds and the reported round weight price decreased \$0.17 per pound. Prices for other products all increased significantly. The only reason given for these changes in that competition among the trout processors for live trout decreased during 1976 because live trout were more readily available.

The other apparent change between the 1975 and 1976 production data was the ratio of dressed to boned trout. In 1975 the ratio of dressed to boned was 2.5:1 while in 1976 it was 1:1.3. This reverse reflected a change in market structure. However, one trout processor reported a dressed to boned ratio of 1:2.45 during 1976. It should be mentioned that in 1975 all the processors had similar dressed:boned ratios. No attempt was made to clarify this apparently confusing issue because it would mean possible disclosure of marketing practices in this competitive industry. The 1977 processed trout data should be enlightening.

The processed catfish production in 1976 (Fig. 4) changed very little from the previous year. However, the price per pound increased from a reported \$0.81 per pound dressed in 1975 to \$1.45 per pound dressed in 1976. This segment of the Idaho food fish industry will begin to increase significantly within the next year or two as more 80<sup>0</sup>-90<sup>0</sup> F geothermal water sources become utilized.

Figure 1: P.L. 88-309 Survey of Idaho Food Fish Production in 1976

Round weight of fish processed: \_\_\_\_\_ lbs

Weight of fish processed as:

dressed:	_____ lbs	average weight:	_____ oz.
boned:	_____ lbs	average weight:	_____ oz.
boned and breaded:	_____ lbs	average weight:	_____ oz.
fillets:	_____ lbs	average weight:	_____ oz.
stuffed:	_____ lbs	average weight:	_____ oz.
specialty items:	_____ lbs	average weight:	_____ oz.

Average price per pound of fish sold as:

round	\$ _____
dressed	\$ _____
boned	\$ _____
boned and breaded	\$ _____
fillets	\$ _____
stuffed	\$ _____
specialty items	\$ _____

NOTE: This information will be treated as confidential. This form will not be identifiable as to source. Thank you for your cooperation.

G.W. (Bill) Klontz  
Fishery Resources  
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885-6336

Figure 2:

## P.L. 88-309 Survey of 1976 Production of Food Fish in Idaho

Total round weight rainbow trout produced: 19,754,121 pounds

Average price per pound paid to trout producers by processors: \$0.63

Processed as:	% total production	Pounds	Processing weight loss (%)	Processed weight (lbs)	Av. individual processed weight (oz.)	Av. price per pound FOB Buhl (\$)	Grosssales (\$)
Dressed	42	8,296,731	20	6,637,385	8	1.35	8,960,470
Boned	55	10,864,766	33	7,279,393	8	1.61	11,719,82 <sub>7</sub>
5 Boned and Breaded	0.3	59,262	33	39,706	7	1.55	61,544
Filletts	0.7	138,279	46	74,671	5	1.90	141,875
Stuffed	0.5	98,771	33	66,176	8	2.05	135,661
Specialty items (round fresh and live)	1.5	296,312	0	296,312	12	1.00	196,312

Figure 3: PL 88-309 Survey of Idaho Food Fish Production in 1975

Round weight of fish produced: 18,371,890 lbs. (Live fish sold: 1,341,800 lbs)

Processed weight of fish produced as:

dressed:	<u>11,717,190</u>	lbs	average weight:	<u>9</u>	oz.
boned:	<u>4,649,550</u>	lbs	average weight:	<u>10</u>	oz.
boned and breaded:	<u>36,875</u>	lbs	average weight:	<u>7</u>	oz.
fillets:	<u>590,400</u>	lbs	average weight:	<u>5</u>	oz.
specialty items:	<u>36,075</u>	lbs	average weight:	<u>8</u>	oz.

Average price per pound of fish sold as:

round	\$	<u>0.80</u>
dressed	\$	<u>1.15</u>
boned	\$	<u>1.45</u>
boned and breaded	\$	<u>1.40</u>
fillets	\$	<u>1.86</u>
specialty items	\$	<u>1.80</u>



Figure 4:

P.L. 88-309 Survey of 1976 Production of Food Fish in Idaho

Total round weight channel catfish produced: 300,000 pounds

Average price per pound paid to catfish producers by processors: \$0.65

Processed as:	% total production	Pounds	Processing weight loss (%)	Processed weight (lbs)	Av. individual processed weight (oz.)	Av. price per pound FOB Buhl (\$)	Gross (\$)
Dressed	100	300,000	28	216,000	20-24	1.45	313,200

# Appendix I

## Commercial Food Fish Farms and Fish Feed Plants in Idaho\*

	<u>Production</u>	<u>Processing</u>	<u>Egg Prod.</u>	<u>Feed</u>
Clear Springs Trout Co. Route 4, Box 548 Buhl, Idaho 83316	X	X	X	
Thousand Springs Trout Farms, Route 4, Box 232 Buhl, Idaho 83316	X	X	X	X
Idaho Trout Processors, Inc. 1306 Vista Avenue Boise, Idaho 83705	X	X	X	
Blue Lakes Trout Farm, Inc. P.O. Box 1237 Twin Falls, Idaho 83301	X	X		
Jones and Sandy Livestock Co. Box 265 Hagerman, Idaho 83332	X			
Fish Breeders of Idaho 2914 Alta Vista Drive Twin Falls, Idaho 83301	X	X		
Caribou Trout Ranch P.O. Box 57 Soda Springs, Idaho 83276		(live sales for stocking)	X	
Marine Protein Corporation Magic Springs Trout Farm P.O. Box 326 Hagerman, Idaho 83332	X	X		
Rangen's Trout Research Laboratory Hagerman, Idaho 83332	x			
Hagerman, Idaho 83332	x			
Valley Trout Farms, Inc. Route 2 Buhl, Idaho 83316	X			
Blind Canyon Aqua Ranch Route 1 Wendell, Idaho 83355	X			
Crystial Springs Ranch, Inc. Box 109 Buhl, Idaho 83316				

\*Does not include "farm pond" operations.

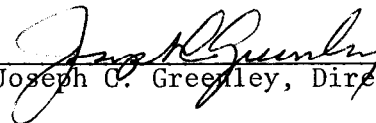
	<u>Productions</u>	<u>Processing</u>	<u>Egg Prod.</u>	<u>Feed Mfg.</u>
Gouge-eye Rainbow Trout Farm Challis, Idaho 83226			X	
Rainbow Farms, Inc. Box 277 Nampa, Idaho 83651	X	X		
Rangen's, Inc. Buhl, Idaho 83316				X
Hill Milling Co. Terreton, Idaho 83450				X
IdaBest Twin Falls, Idaho 83301				X

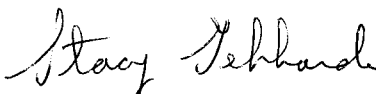
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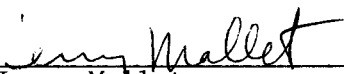
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